

Water Quality Characteristics by Water Quality Zone

May 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
Hardness ppm	1	248	256	70.8	174	315	3	29%
	2	125	122	12.2	114	146	9	10%
	3	120	107	41.8	75	223	13	35%
	4	102	100	16.0	82	136	10	16%
	5	108	106	20.7	72	137	11	19%
	6	124	120	10.8	111	142	9	9%
	7	114	115	4.8	105	121	9	4%
	8	186	174	45.4	149	275	6	24%
	9	104	91	39.3	76	193	8	38%
	10	77	77	1.5	75	79	5	2%
	System Wide	122	115	43.3	72	315	83	36%
TDS ppm	1	431	431	127.3	175	591	10	30%
	2	300	297	15.9	273	324	27	5%
	3	289	271	76.3	197	465	34	26%
	4	241	245	34.7	186	309	25	14%
	5	256	253	40.2	171	320	36	16%
	6	269	278	27.6	214	306	28	10%
	7	235	225	28.8	181	299	29	12%
	8	353	340	40.9	291	437	21	12%
	9	270	271	57.6	214	426	23	21%
	10	217	217	1.6	214	220	13	1%
	System Wide	277	272	67.2	171	591	246	24%
Sodium ppm	1	59	46	32.1	36	96	3	54%
	2	45	45	1.4	44	48	9	3%
	3	45	46	9.8	25	61	13	22%
	4	38	36	7.5	29	47	10	20%
	5	37	36	6.5	28	45	11	18%
	6	40	40	5.5	30	46	9	14%
	7	33	31	7.5	21	44	9	23%
	8	42	42	1.7	39	44	6	4%
	9	44	43	3.8	39	49	8	9%
	10	40	40	1.8	38	43	5	4%
	System Wide	41	42	9.4	21	96	83	23%

Water Quality Characteristics by Water Quality Zone

May 2003

Water Quality Parameter	WQZ	Mean	Median	Standard Deviation	Minimum	Maximum	Count	Coefficient of Variation
pH units	1	7.4	7.4	0.21	7.2	8.0	10	3%
	2	7.7	7.9	0.24	7.3	8.0	27	3%
	3	7.7	7.8	0.18	7.2	8.1	34	2%
	4	7.8	7.9	0.23	7.3	8.0	25	3%
	5	7.6	7.7	0.35	6.6	8.0	36	5%
	6	7.6	7.8	0.30	6.8	8.1	28	4%
	7	7.6	7.7	0.32	6.7	8.0	29	4%
	8	7.5	7.5	0.15	7.1	7.9	21	2%
	9	7.8	7.9	0.19	7.4	8.1	23	2%
	10	7.7	7.8	0.16	7.3	7.9	13	2%
	System Wide	7.7	7.8	0.28	6.6	8.1	246	4%
Chlorine ppm	1	0.8	0.9	0.33	0.1	1.2	10	41%
	2	0.9	0.9	0.10	0.7	1.1	27	12%
	3	0.8	0.8	0.18	0.3	1.1	34	24%
	4	0.8	0.9	0.17	0.4	1.1	25	21%
	5	0.7	0.8	0.20	0.1	1.0	36	27%
	6	0.8	0.8	0.11	0.6	1.0	28	14%
	7	0.8	0.8	0.12	0.6	1.0	29	15%
	8	0.7	0.7	0.09	0.6	0.9	21	13%
	9	0.8	0.8	0.25	0.4	1.1	23	32%
	10	0.7	0.7	0.11	0.5	0.9	13	15%
	System Wide	0.8	0.8	0.17	0.1	1.2	246	22%
Temperature deg C	1	26.6	26.4	1.56	24.8	29.6	10	6%
	2	29.0	29.2	1.56	26.3	31.3	27	5%
	3	27.7	27.8	1.78	23.4	32.6	34	6%
	4	29.9	29.6	1.70	25.5	33.0	25	6%
	5	28.5	28.9	2.21	23.4	32.2	36	8%
	6	28.4	28.4	1.55	25.3	31.1	28	5%
	7	28.4	28.4	1.32	26.0	32.2	29	5%
	8	28.1	28.5	1.34	25.7	29.8	21	5%
	9	30.2	30.2	1.64	27.1	33.5	23	5%
	10	28.8	29.3	1.61	26.0	31.8	13	6%
	System Wide	28.6	28.7	1.86	23.4	33.5	246	7%